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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/675,802	09/30/2003	Melissa Ann Clark	030627/263750 2236		
826 . 75	10/10/2006	EXAMINER			
ALSTON & BIRD LLP			MAYES, DIONNE WALLS		
	ERICA PLAZA	ART UNIT	PAPER NUMBER		
	RYON STREET, SUIT		TAFER NOMBER		
CHARLOTTE, NC 28280-4000			1731		
			DATE MAILED: 10/10/2006		

Please find below and/or attached an Office communication concerning this application or proceeding.

		Application No. App		Applicant(s)	pplicant(s)			
Office Action Summary		10/675,802		CLARK ET AL.				
		Examiner		Art Unit				
		Dionne Walls I		1731				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply								
WHIC - Exter after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING DATE OF THE OF THE MAILING DATE OF THE MAILING DATE OF THE OF THE OF THE MAI	ATE OF THIS (36(a). In no event, he will apply and will exp e, cause the application	COMMUNICATION owever, may a reply be time for SIX (6) MONTHS from to the to become ABANDONED	ely filed the mailing date of this company (35 U.S.C. § 133).				
Status								
1)⊠	Responsive to communication(s) filed on 14 Ju	ulv 2006.						
	This action is FINAL . 2b) This action is non-final.							
, <u> </u>	/-							
-,	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Disposition of Claims								
·								
•	Claim(s) <u>1-38</u> is/are pending in the application.							
	4a) Of the above claim(s) is/are withdrawn from consideration.							
·	Claim(s) <u>1-25</u> is/are allowed.							
_	Claim(s) <u>26-28 and 32-38</u> is/are rejected.							
-	Claim(s) <u>29-31</u> is/are objected to.	e clastian raqui	romont					
8) Claim(s) are subject to restriction and/or election requirement.								
Applicati	on Papers							
9) The specification is objected to by the Examiner.								
10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner.								
	Applicant may not request that any objection to the	drawing(s) be he	ld in abeyance. See	37 CFR 1.85(a).				
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).								
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority ι	ınder 35 U.S.C. § 119							
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 								
2) 🔲 Notic 3) 🔲 Inforr	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) mation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date	5) [Interview Summary (Paper No(s)/Mail Da Notice of Informal Pa Other:	te				

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DETAILED ACTION

Claim Rejections - 35 USC § 103

1. Claims 26-28, and 32-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Xue et al (US. Pat. No. 6,584,979) in view of Mentzel et al (US. Pat. No. 5,423,336).

Xue et al discloses nearly all that is recited in the claims since it teaches a cigarette 10 with a tobacco rod 18 and a multi-sectional filter having a 1st filter section 16 comprised of filter fiber material (corresponding to the claimed "first...section of filter material"); a 2nd filter section 12 comprised of filter fiber material (corresponding to the claimed "second...section of filter material"); and a compartment between the two filter sections containing particulate adsorbent material 23, such as activated carbon. Xue et al states that the 1st filter section can be made of cellulose acetate or any other suitable material, and such can be the same material or different material from the 2nd filter section (see entire document). While Xue et al may not specifically state that the 1st filter section has a greater particulate removal efficiency than the 2nd filter section, Xue et al does disclose, in one example, a 1st filter section 16 (an upstream filter, described as P4) being 4mm, and a 2nd filter section 12 (a downstream filter, described as P3) being 18mm (see col. 8, lines 3-4). Assuming that both P3 and P4 are comprised of the same cellulose acetate tow material, it follows that the filter P4 (the 1st filter section) would obviously have the greater particulate removal efficiency since it is longer and, thus, better able to remove more particulate matter due to its size. While Xue et al may not specifically disclose a plurality of ventilation holes for introducing air into the filter

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element located between the end of the filter element proximal to the tobacco rod and the mid-point of the adsorbent-containing portion of the compartment - which provides the claimed volumetric air dilution of mainstream smoke - this would have been an obvious modification to the filter of Xue et al since placement of ventilation holes at this location is known – as evidenced by the Mentzel et al reference (see element 5 in Figures).

Allowable Subject Matter

- 2. Claims 1-25 are allowed.
- 3. Claims 29-31 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

4. Applicant's arguments with respect to the claims have been considered but are most in view of the new ground(s) of rejection.

Conclusion

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dionne Walls Mayes whose telephone number is (571) 272-1195. The examiner can normally be reached on Mon-Fri, 7AM - 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven P. Griffin can be reached on (571) 272-1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) for 571-272-1000.

Dionne Walls Mayes

Primary Examiner

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